| Ref<br># | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--------------------|---------------------|---------|------------------|
| L4       | 0    | (channle adj coding) with (modulation)   | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 10:03 |
| L5       | 1308 | (channel adj coding) with (modulation)   | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 10:03 |
| L6       | 323  | ((channel adj coding) with<br>(modulation)) and<br>@rlad<"20030627"                                  | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 10:03 |
| L7       | 246  | ((channel adj coding) near3<br>(modulation)) and<br>@rlad<"20030627"                                 | US-PGPUB;<br>USPAT | SAME .              | ON      | 2007/03/20 10:42 |
| L8       | 2    | ((channel adj coding) near3<br>(modulation)) and (mulitplexer or<br>aggregator) and @rlad<"20030627" | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 10:04 |
| L9       | 26   | ((channel adj coding) near3<br>(modulation)) and (voIP) and<br>@rlad<"20030627"                      | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 10:07 |
| L10      | 27   | (((channel adj coding) near3<br>(modulation)) same (packet)) and<br>@rlad<"20030627"                 | US-PGPUB;<br>USPAT | SAME .              | ON      | 2007/03/20 10:09 |
| L11      | 40   | (((channel adj coding) with<br>(modulation)) same (packet)) and<br>@rlad<"20030627"                  | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 10:19 |
| L12      | 2    | ((channel adj coding) with ((Voice<br>near3 IP) or VoIP)) and<br>@rlad<"20030627"                    | US-PGPUB;<br>USPAT | SAME .              | ON      | 2007/03/20 10:20 |
| L13      | 7    | ((channel adj coding) same ((Voice<br>near3 IP) or VoIP)) and<br>@rlad<"20030627"                    | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 10:34 |
| L14      | 5    | ((digital adj modulat\$3) near5<br>packet) and @rlad<"20030627"                                      | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 10:41 |
| L15      | 0    | (((channel adj coding) near3<br>(modulation)) same (IP near2<br>packet)) and @rlad<"20030627"        | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 10:43 |
| L16      | 15   | (((channel adj coding) near3<br>(modulation)) and (IP near2<br>packet)) and @rlad<"20030627"         | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 12:12 |
| L18      | 4    | (packet adj aggregat\$3) with modulat\$3   | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 12:26 |
| L19      | 0    | (packet adj de-aggregat\$3) with demodulat\$3  | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 12:27 |
| L20      | 0    | (packet adj dis-aggregat\$3) with demodulat\$3   | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 12:27 |
| L21      | 1    | (packet adj aggregat\$3) with (channel near2 coding)   | US-PGPUB;<br>USPAT | SAME                | ON      | 2007/03/20 12:28 |

| L22 | 131  | (combin\$3 near3 packet) with (modulat\$3)  | US-PGPUB;<br>USPAT | SAME | ON   | 2007/03/20 12:29 |
|-----|------|---|--------------------|------|------|------------------|
| L23 | 44   | (combin\$3 near3 packet) near5<br>(modulat\$3)  | US-PGPUB;<br>USPAT | SAME | ON   | 2007/03/20 12:29 |
| L24 | 20   | ((combin\$3 near3 packet) near5<br>(modulat\$3)) and<br>@rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON   | 2007/03/20 14:47 |
| S4  | 867  | (((packet or data) near4 aggregat\$3)) same ((service near3 require\$6) or Qos or (quality adj3 service) or (transmi\$\$ near2 rate) or (time near3 delay))   | US-PGPUB;<br>USPAT | SAME | ON   | 2007/03/16 11:34 |
| S5  | 867  | (((packet or data) near4 aggregat\$3)) same ((service near3 require\$6) or Qos or (quality adj3 service) or (transmi\$\$ near2 rate) or (time near3 delay)) and (aggregat\$3 or de-aggregat\$3)   | US-PGPUB;<br>USPAT | SAME | ON   | 2007/03/16 11:35 |
| S6  | 297  | (((packet or data) near4 aggregat\$3)) same ((service near3 require\$6) or Qos or (quality adj3 service) or (transmi\$\$ near2 rate) or (time near3 delay)) and (aggregat\$3 or de-aggregat\$3) and @rlad<"20030627"                                      | US-PGPUB;<br>USPAT | SAME | ON   | 2007/03/16 11:36 |
| S7  | 59   | (((packet or data) near4 aggregat\$3)) same ((service near3 require\$6) or Qos or (quality adj3 service) or (transmi\$\$ near2 rate) or (time near3 delay)) and (aggregat\$3 or de-aggregat\$3) and @rlad<"20030627" and ((fixed or variable) near2 rate) | US-PGPUB;<br>USPAT | SAME | ON   | 2007/03/16 13:22 |
| S8  |      | (((packet or data) near4 aggregat\$3)) same ((service near3 require\$6) or Qos or (quality adj3 service) or (transmi\$\$ near2 rate) or (time near3 delay)) and (aggregator or de-aggregator) and @rlad<"20030627" and ((fixed or variable) near2 rate)   | US-PGPUB;<br>USPAT | SAME | ON   | 2007/03/16 11:40 |
| S9  | 5972 | ((packet or data) adj2 aggregat\$3)   | US-PGPUB;<br>USPAT | SAME | ON . | 2007/03/16 11:42 |
| S10 | 437  | ((packet or data) adj2 aggregator)  | US-PGPUB;<br>USPAT | SAME | ON   | 2007/03/16 11:42 |
| S11 | 296  | ((packet or data) adj1 aggregator)  | US-PGPUB;<br>USPAT | SAME | ON   | 2007/03/16 11:42 |
| S12 | 107  | ((packet or data) adj1 aggregator)<br>and @rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON . | 2007/03/16 11:52 |

|     |      |   |                              |        | 1    |                  |
|-----|------|---|------------------------------|--------|------|------------------|
| S13 | 0    | (((packet or data) adj1 aggregator)<br>same (Qos or (qulaity near2 service)<br>or (time near3 delay) or ((various or<br>fixed) adj2 rate))) and<br>@rlad<"20030627"   | US-PGPUB;<br>USPAT           | SAME   | ON   | 2007/03/16 11:44 |
| S14 | 13   | (((packet or data) adj1 aggregator)<br>and (Qos or (qulaity near2 service)<br>or (time near3 delay) or ((various or<br>fixed) adj2 rate))) and<br>@rlad<"20030627"  | US-PGPUB;<br>USPAT           | SAME   | ON   | 2007/03/16 11:44 |
| S15 | 94   | S12 not S14   | US-PGPUB;<br>USPAT           | SAME   | ON   | 2007/03/16 11:50 |
| S16 | 3    | (packet adj1 aggregator) and<br>@rlad<"20030627"  | US-PGPUB;<br>USPAT           | SAME   | ON   | 2007/03/16 11:53 |
| S17 | 178  | (packet adj2 (aggregat\$3 or<br>deaggregat\$3 or de-aggregat\$3))<br>and @rlad<"20030627"   | US-PGPUB;<br>USPAT           | SAME   | ON   | 2007/03/16 11:59 |
| S20 | 300  | (packet near2 (aggregat\$3 or<br>deaggregat\$3 or de-aggregat\$3))<br>and @rlad<"20030627"  | US-PGPUB;<br>USPAT           | SAME   | ON   | 2007/03/16 11:59 |
| S21 | . 15 | ("5235595"   "6151318"   "6263371"<br>  "6266341"   "6278707"  <br>"6292480"   "6292482"   "6292840"<br>  "6389038"   "6477164"  <br>"6608841"   "6618397"   "6700888"<br>  "6788675"   "6791944").PN.                                    | US-PGPUB;<br>USPAT;<br>USOCR | SAME   | ON   | 2007/03/16 12:51 |
| S22 | 119  | ((packet or data) near4 aggregat\$3) with ((service near3 (class\$8 or require\$6)) or Qos or (quality adj3 service) or (transmi\$6 near2 rate) or (time near3 delay)) and @rlad<"20030627"   | US-PGPUB;<br>USPAT           | SAME   | ON   | 2007/03/16 15:13 |
| S23 | 311  | ((packet or data) near4 aggregat\$3) same ((service near3 (class\$8 or require\$6)) or Qos or (quality adj3 service) or (transmi\$6 near2 rate) or (time near3 delay)) and @rlad<"20030627"   | US-PGPUB;<br>USPAT           | SAME . | ON   | 2007/03/16 15:14 |
| S24 | 426  | (((packet or data) near2 (multiplex<br>or package or aggregat\$3)) same<br>((service near3 (class\$8 or<br>require\$6)) or Qos or (quality adj3<br>service) or (transmi\$6 near2 rate)<br>or (time near3 delay))) and<br>@rlad<"20030627" | US-PGPUB;<br>USPAT           | SAME   | ON . | 2007/03/16 15:15 |

| S25 | 567 | (((packet or data) near2 (multiplex or package or aggregat\$3)) same ((service near3 (class\$8 or require\$6)) or Qos or COS or (quality adj3 service) or (transmi\$6 near2 rate) or (time near3 delay))) and @rlad<"20030627"                                  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/16 15:16 |
|-----|-----|---|--------------------|------|----|------------------|
| S26 | 203 | (((packet or data) near2 (multiplex or package or aggregat\$3)) with ((service near3 (class\$8 or require\$6)) or Qos or COS or (quality adj3 service) or (transmi\$6 near2 rate) or (time near3 delay))) and @rlad<"20030627"                                  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/16 17:35 |
| S27 | 129 | S26 not S22   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/16 15:16 |
| S28 | 215 | (((packet or data) near2 (multiplex or packag\$4 or aggregat\$3 or disaggreat\$3 or demultipex)) with ((service near3 (class\$8 or require\$6)) or Qos or COS or (quality adj3 service) or (transmi\$6 near2 rate) or (time near3 delay))) and @rlad<"20030627" | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/16 15:18 |
| S29 | 141 | S28 not S22   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/16 16:41 |
| S30 | 20  | (aggregator and de-aggregator)  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/16 16:42 |
| S31 | 43  | (aggregator and (de-aggregator or deaggregator or disaggregator or dis-aggregator))   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/16 16:42 |
| S33 | 91  | (((packet or data) near2 (multiplex<br>or package or aggregat\$3)) with<br>((transmi\$6 near2 rate) or (time<br>near3 delay))) and<br>@rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/16 17:42 |
| S34 |     | (((packet or data) near2 (multiplex<br>or aggregat\$3)) same (link adj<br>transmi\$8 adj rate)) and<br>@rlad<"20030627"   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/16 17:45 |
| S35 | 65  | (((packet or data) near2 (multiplex<br>or aggregat\$3)) same (transmi\$8<br>adj rate)) and @rlad<"20030627"   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/16 17:45 |
| S36 | 26  | (((packet or data) near2 (multiplex<br>or aggregat\$3)) with (transmi\$8 adj<br>rate)) and @rlad<"20030627"   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:21 |

| 655 |      | /// htt  |                    |      |    | 2007/02/10 15 5  |
|-----|------|--|--------------------|------|----|------------------|
| S37 | 2115 | (((multiplex or aggregat\$3 or combin\$5) near4 (form or packet or voice or video or data)) with ((transmi\$8 near2 rate) or (channel near3 availab\$5) or Qos or CoS or priority)) and @rlad<"20030627"   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:26 |
| S38 | 673  | .(((multiplex or aggregat\$3 or combin\$5) near4 (form or packet or voice or video or data)) with ((transmi\$8 near2 rate) or (channel near3 availab\$5) or Qos or CoS or priority)) and @rlad<"20030627" and ((channel near3 coding) or modulat\$3)                     | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:28 |
| S39 | 606  | (((multiplex or aggregat\$3 or combin\$5) near3 (form or packet or voice or video or data)) with ((transmi\$8 near2 rate) or (channel near3 availab\$5) or Qos or CoS or priority)) and @rlad<"20030627" and ((channel near3 coding) or modulat\$3)                      | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:30 |
| S40 | 3520 | (((multiplex or aggregat\$3 or combin\$5) near3 (form or packet or voice or video or data)) with ((transmi\$8 near2 rate) or (channel near3 availab\$5) or ((channel near3 coding) or modulat\$3) or Qos or CoS or priority)) and @rlad<"20030627"                       | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:31 |
| S41 |      | ((((multiplex or aggregat\$3 or combin\$5) near3 (form or packet or voice or video or data)) with ((transmi\$8 near2 rate) or (channel near3 availab\$5) or Qos or CoS or priority)) same ((channel near3 coding) or modulat\$3)) and @rlad<"20030627"                   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:37 |
| S42 | 17   | ((((multiplex or aggregat\$3 or combin\$5) near3 (form or packet or voice or video or data)) with ((transmi\$8 near2 rate) or (channel near3 availab\$5) or Qos or CoS or priority)) same ((channel near3 coding) or modulat\$3)) and @rlad<"20030627" and (aggregat\$3) | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:42 |

| S43  | 465   | (((aggregat\$3 or combin\$5) near3<br>(form or packet or voice or video or<br>data)) with ((transmi\$8 near2 rate)<br>or (channel near3 availab\$5) or Qos<br>or CoS or priority)) and<br>@rlad<"20030627" and<br>(aggregat\$3) | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:43 |
|------|-------|---|--------------------|------|----|------------------|
| S44  | 1649  | (((aggregat\$3 or combin\$5) near3<br>(form or packet or voice or video or<br>data)) with ((transmi\$8 near2 rate)<br>or (channel near3 availab\$5) or Qos<br>or CoS or priority)) and<br>@rlad<"20030627"                      | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:44 |
| .S45 | 713   | (((aggregat\$3 or combin\$5) near3<br>(form or packet or voice or video or<br>data)) near5 ((transmi\$8 near2<br>rate) or (channel near3 availab\$5)<br>or Qos or CoS or priority)) and<br>@rlad<"20030627"                     | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:44 |
| S46  | . 147 | ((aggregat\$3 near3 (form or packet<br>or voice or video or data)) near5<br>((transmi\$8 near2 rate) or (channel<br>near3 availab\$5) or Qos or CoS or<br>priority)) and @rlad<"20030627"                                       | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:46 |
| S47  | 18    | ((aggregat\$3 near3 (factor)) with<br>((transmi\$8 near2 rate) or (channel<br>near3 availab\$5) or Qos or CoS or<br>priority)) and @rlad<"20030627"   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:49 |
| S48  | 2     | ((packet adj2 aggregat\$3) and<br>(packet adj2 (disaggregt\$3 or<br>de-aggregat\$3 or deaggregat\$3)))<br>and @rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:52 |
| S49  | 2     | (((packet or service)adj2<br>aggregat\$3) and (packet adj2<br>(disaggregt\$3 or de-aggregat\$3 or<br>deaggregat\$3))) and<br>@rlad<"20030627"   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:52 |
| S50  | 2     | (((packet or service)adj2<br>aggregat\$3) and ((packet or<br>service) adj2 (disaggregt\$3 or<br>de-aggregat\$3 or deaggregat\$3)))<br>and @rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:53 |
| S51  | 2     | (((packet or service or user)adj2<br>aggregat\$3) and ((packet or service<br>or user) adj2 (disaggregt\$3 or<br>de-aggregat\$3 or deaggregat\$3)))<br>and @rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:53 |

|             |      |   |                    |      |    | 1···             |
|-------------|------|---|--------------------|------|----|------------------|
| S52         | 4    | (((packet or service or user or information)adj2 aggregat\$3) and ((packet or service or user or information) adj2 (disaggregt\$3 or de-aggregat\$3 or deaggregat\$3))) and @rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:55 |
| S53         | 6    | (((packet or service or user or information or voice or video or data)adj2 aggregat\$3) and ((packet or service or user or information or voice or data or video) adj2 (disaggregat\$3 or de-aggregat\$3 or deaggregat\$3))) and @rlad<"20030627" | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 13:57 |
| S54         | · 17 | (((packet or service or user or information or voice or video or data)adj2 aggregat\$3) and ((packet or service or user or information or voice or data or video) near3 (disaggregt\$3 or de-aggregat\$3 or deaggregat\$3))) and @rlad<"20030627" | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 14:09 |
| S55         | 703  | ((technique or method or system or<br>apparatus) same (aggregat\$3 near3<br>(media or packek\$8 or fram\$2 or<br>voice or video or (real-time) or (real<br>adj time)))) and @rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 14:16 |
| S56         | 340  | ((technique or method or system or<br>apparatus) with (aggregat\$3 near3<br>(media or packek\$8 or fram\$2 or<br>voice or video or (real-time) or (real<br>adj time)))) and @rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 14:17 |
| S57         | 194  | ((technique or method or system or<br>apparatus) with (aggregat\$3 near3<br>(media or packek\$8))) and<br>@rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 14:18 |
| S58         | 296  | ((technique or method or system or<br>apparatus) with (aggregat\$3 near3<br>(media or packet\$8))) and<br>@rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 14:18 |
| <b>S</b> 59 | 294  | ((technique or method or system or<br>apparatus) with (aggregat\$3 near3<br>(media or packet))) and<br>@rlad<"20030627"   | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 14:18 |
| S60         | 93   | ((technique or method or system or<br>apparatus) near3 (aggregat\$3 near3<br>(media or packet))) and<br>@rlad<"20030627"  | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 14:20 |

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| S61 | 116 | ((technique or method or system or apparatus or means or device) near3 (aggregat\$3 near3 (media or | US-PGPUB;<br>USPAT | SAME | ON | 2007/03/19 15:52 |
|-----|-----|---|--------------------|------|----|------------------|
|     |     | packet))) and @rlad<"20030627"  |                    |      |    |                  |